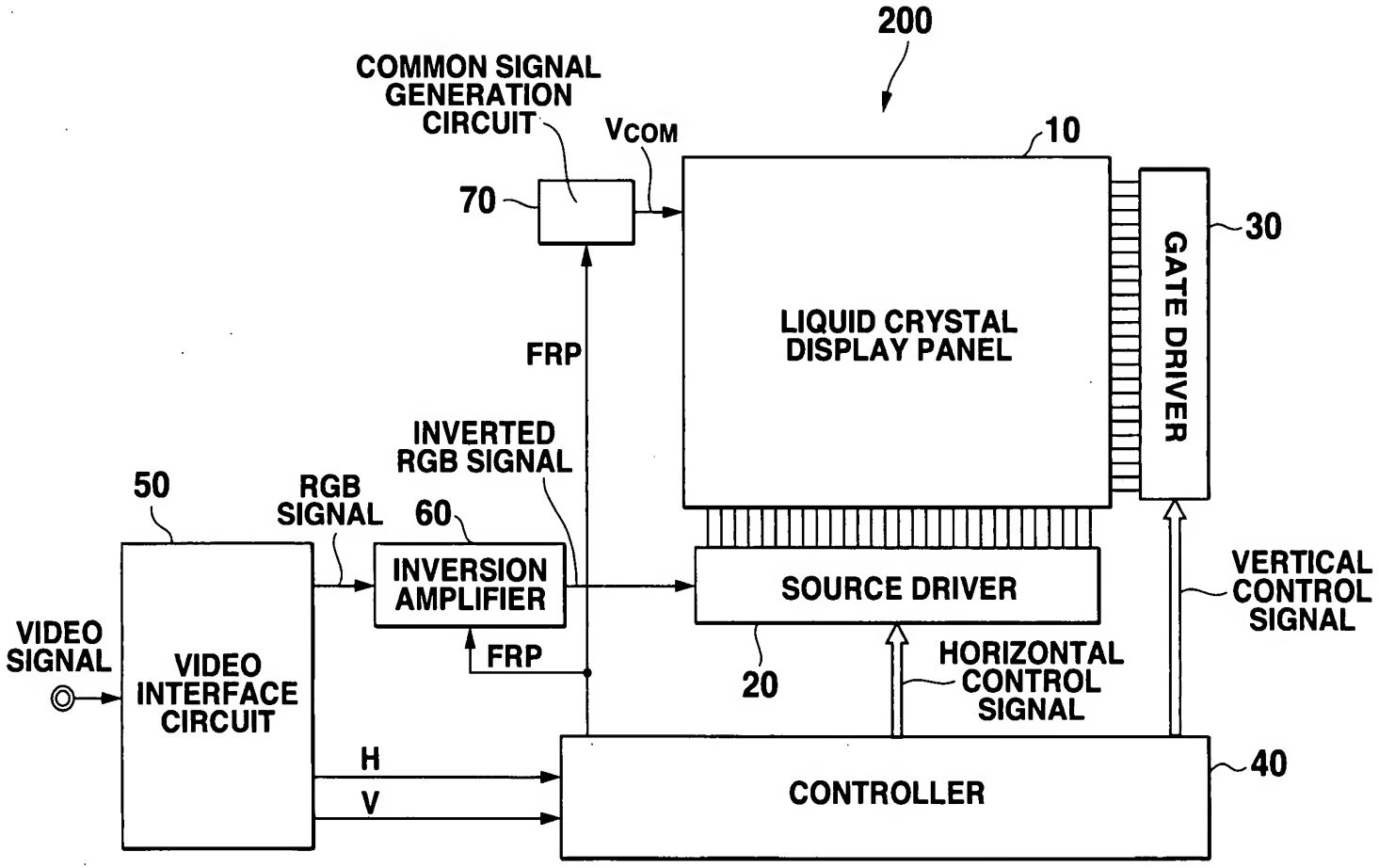


FIG.1

FIG.2A

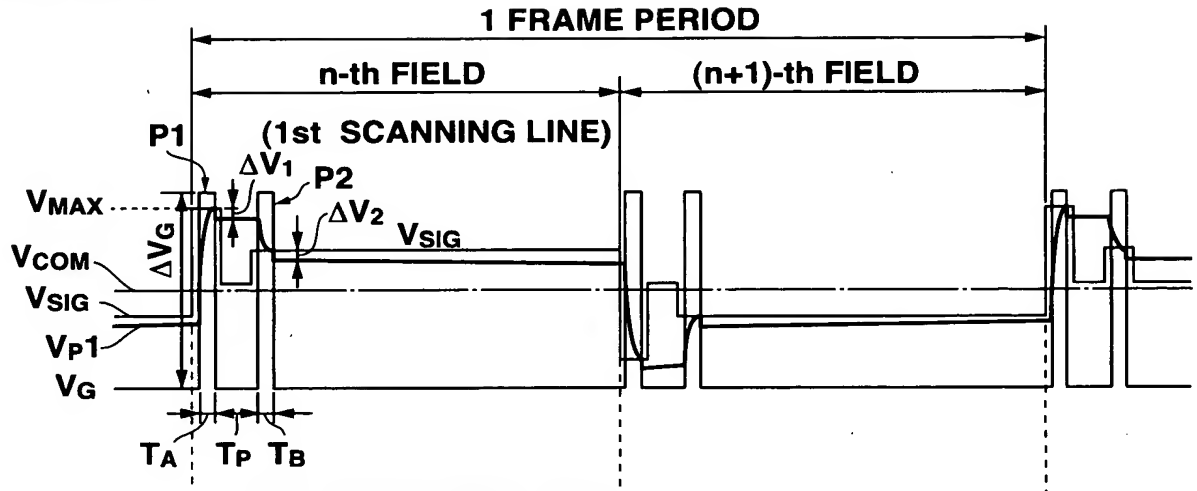


FIG.2B

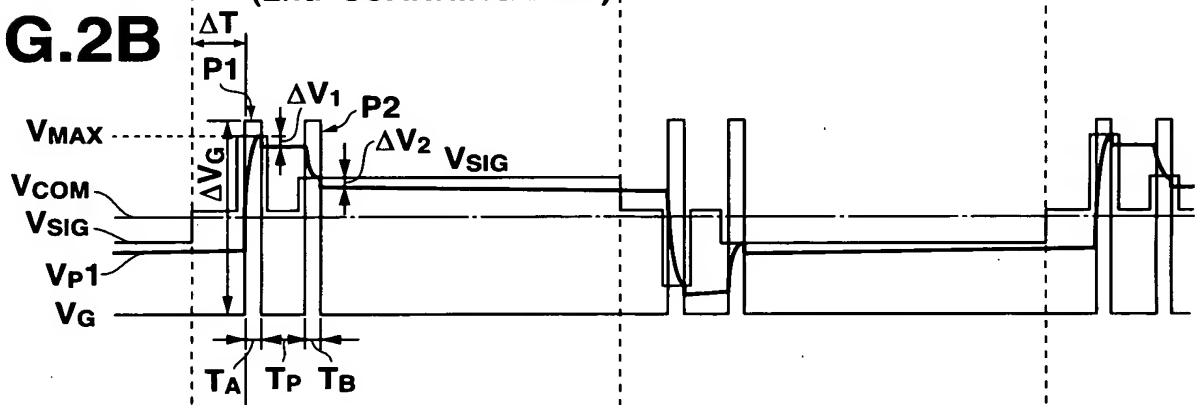
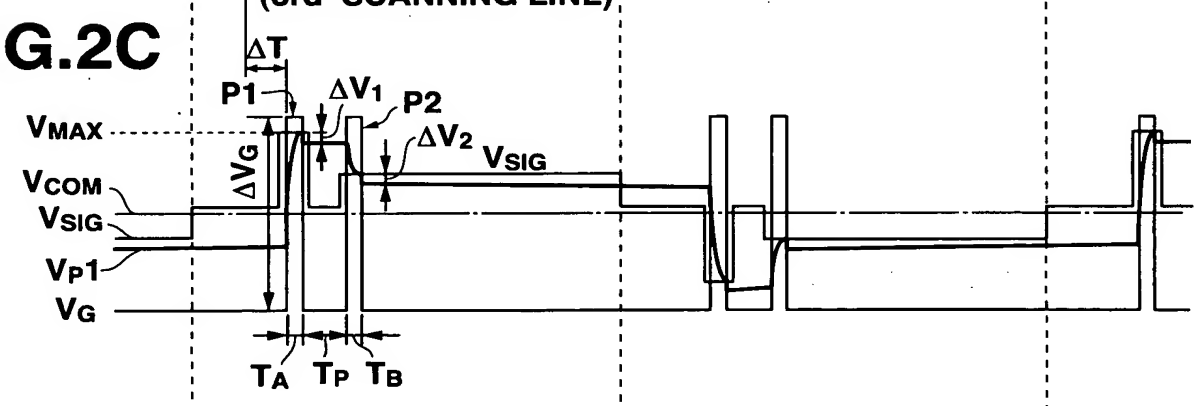


FIG.2C



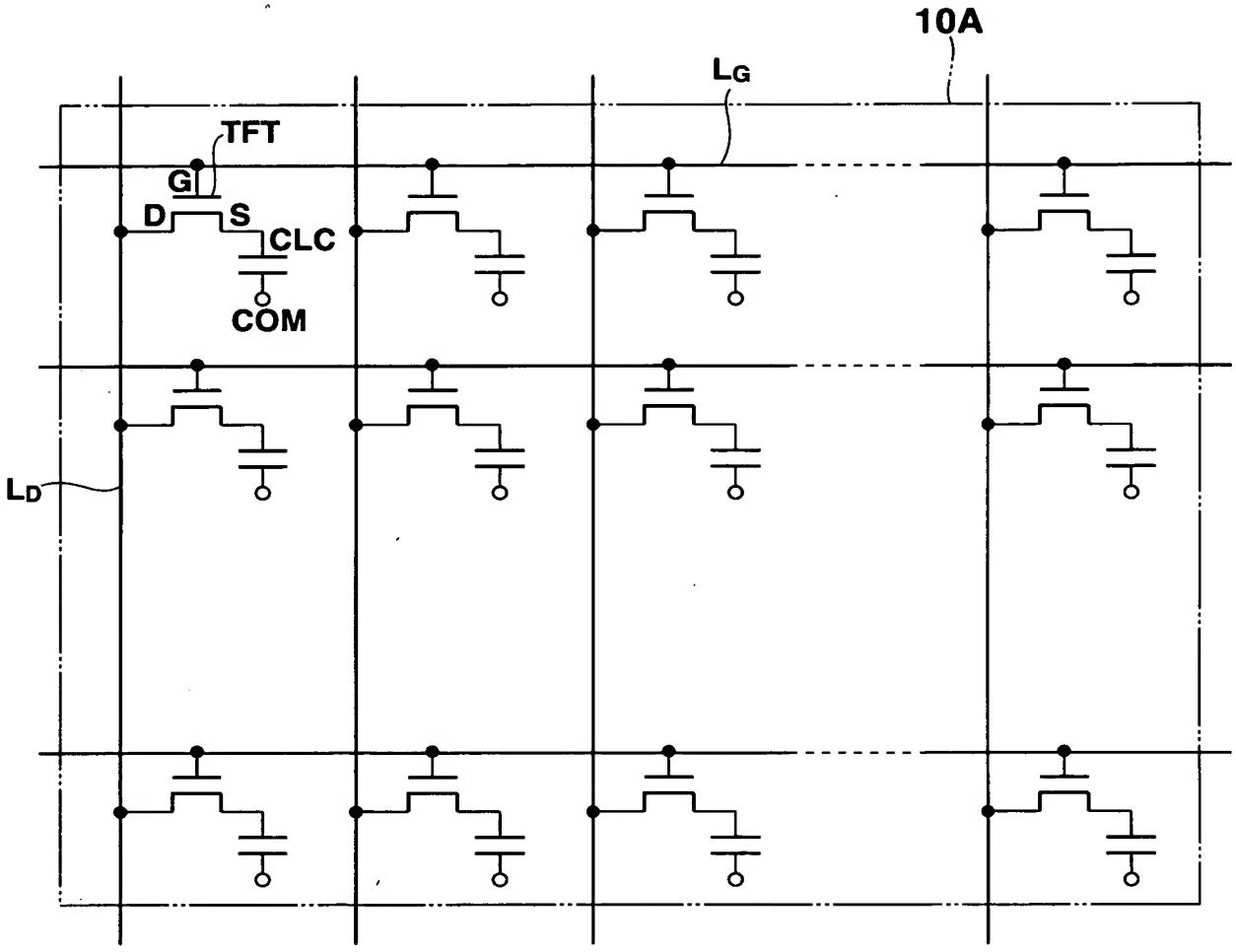


FIG.3

RESPONSE SPEED TO LIQUID CRYSTAL CELL GAP
(MEASURED VALUES)

CELL GAP	RISING RESPONSE TIME	FALLING RESPONSE TIME
4.8 μm	5.85ms	26.03msec
1.5 μm	0.73ms	5.5msec

FIG.4

FIG.5A

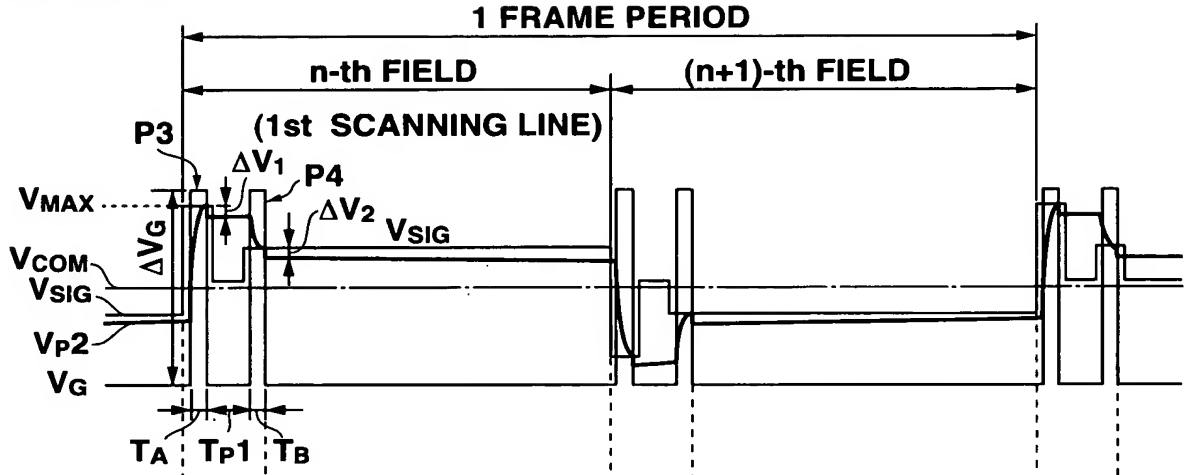


FIG.5B

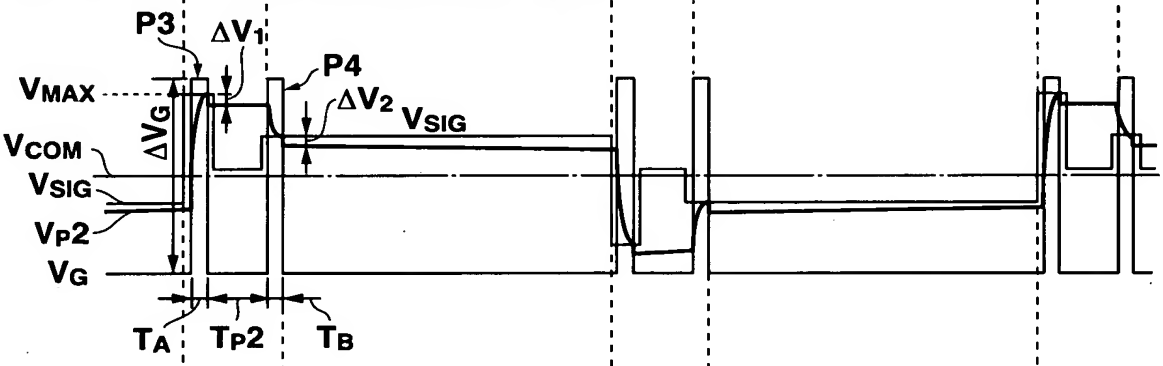
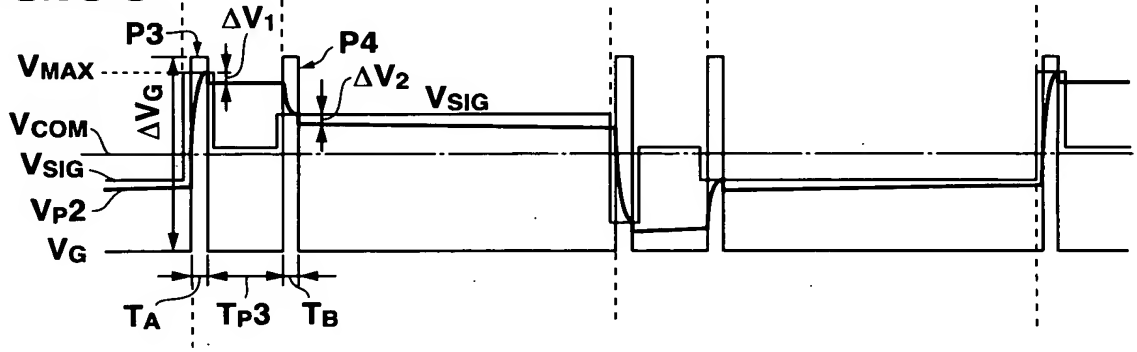


FIG.5C



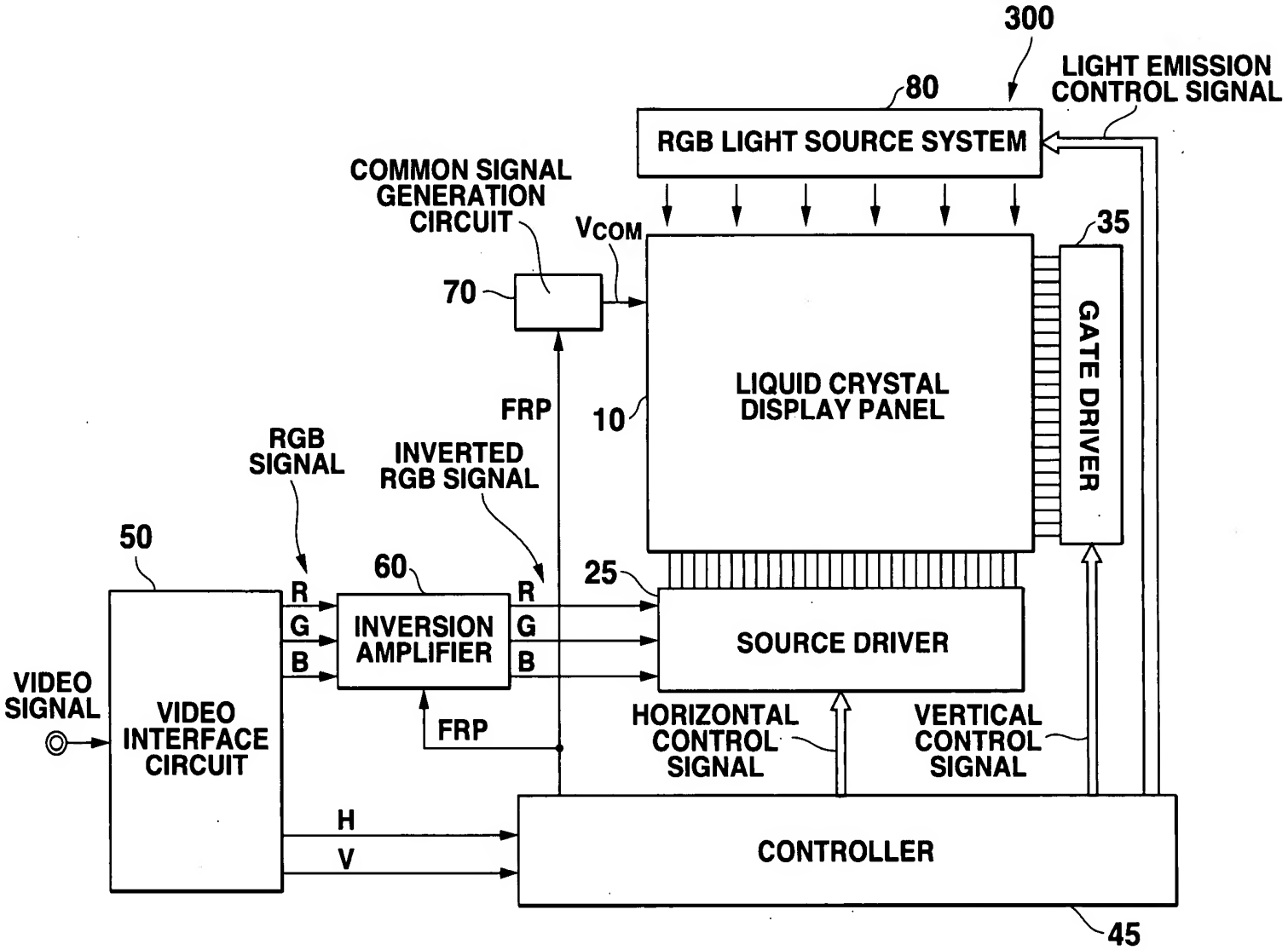


FIG.6

FIG.7A

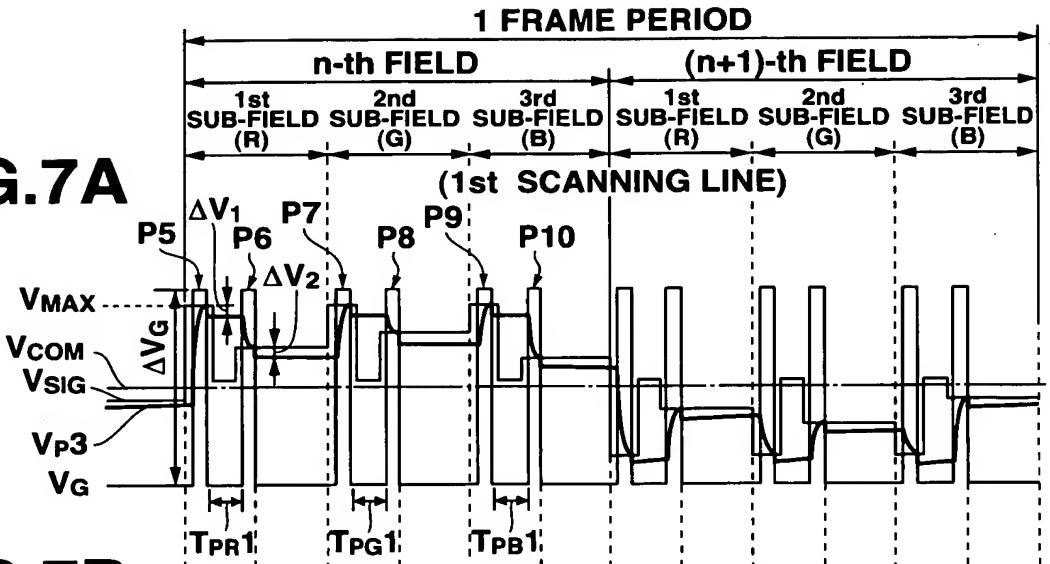


FIG.7B

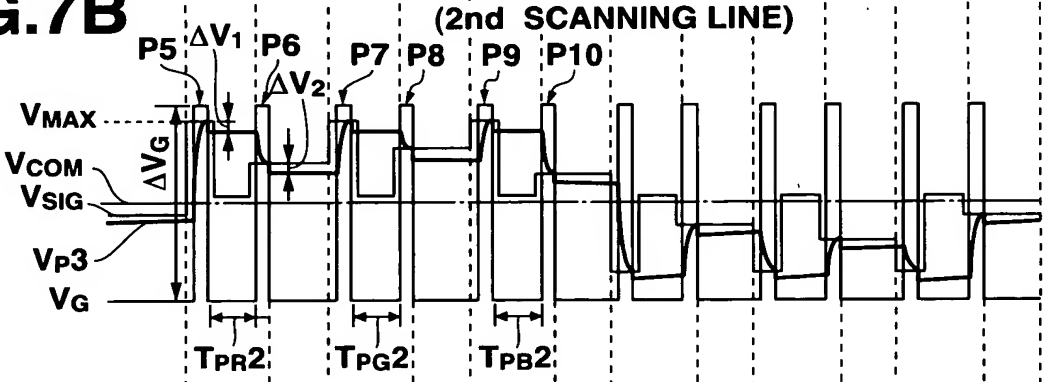


FIG.7C

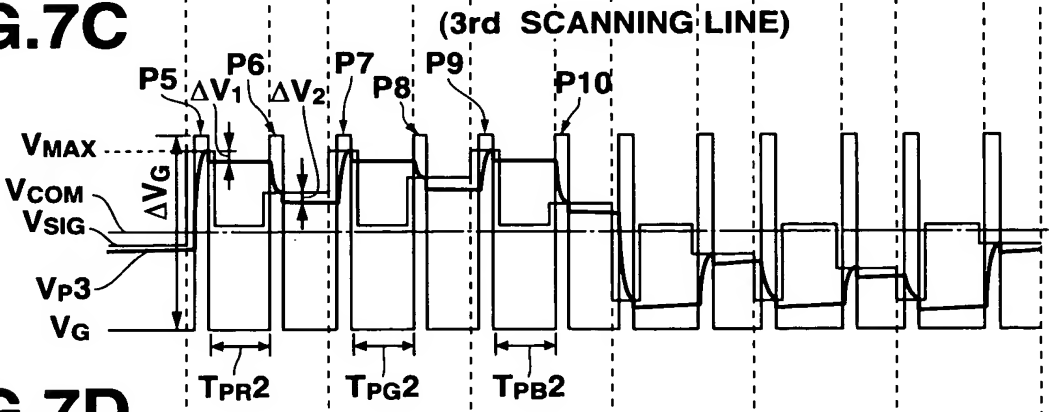
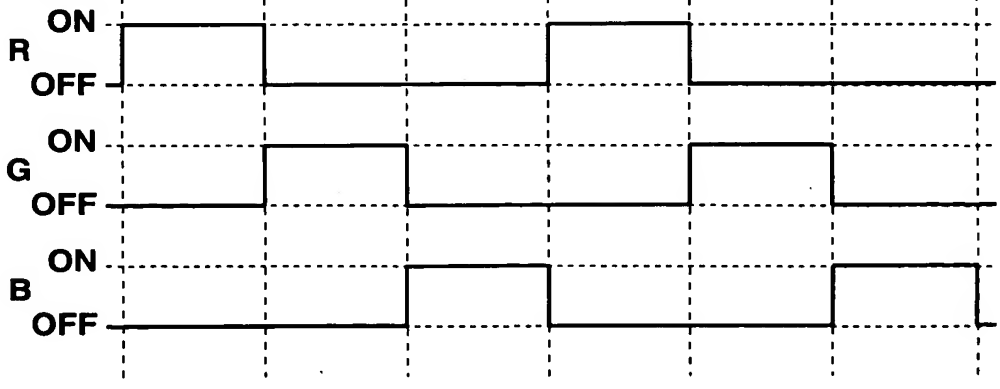


FIG.7D



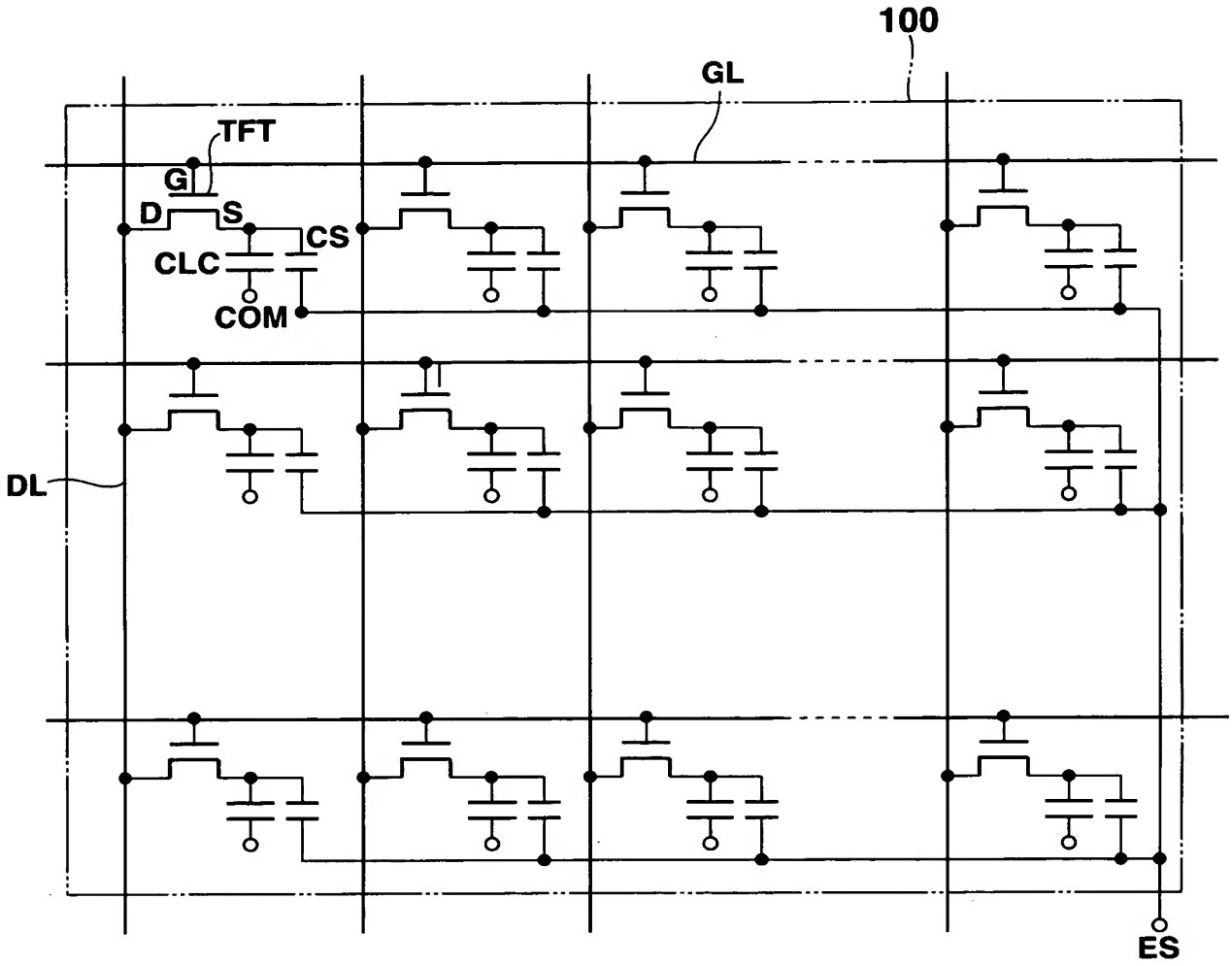


FIG.8A
PRIOR ART

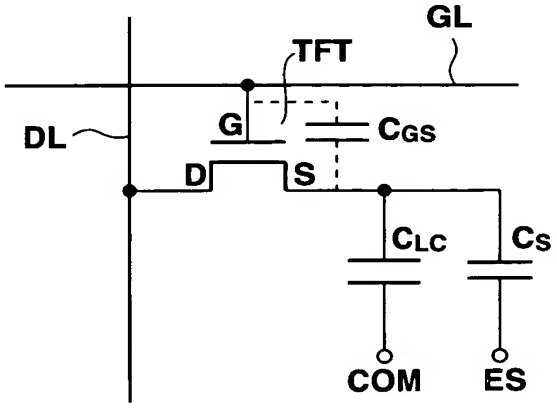


FIG.8B
PRIOR ART

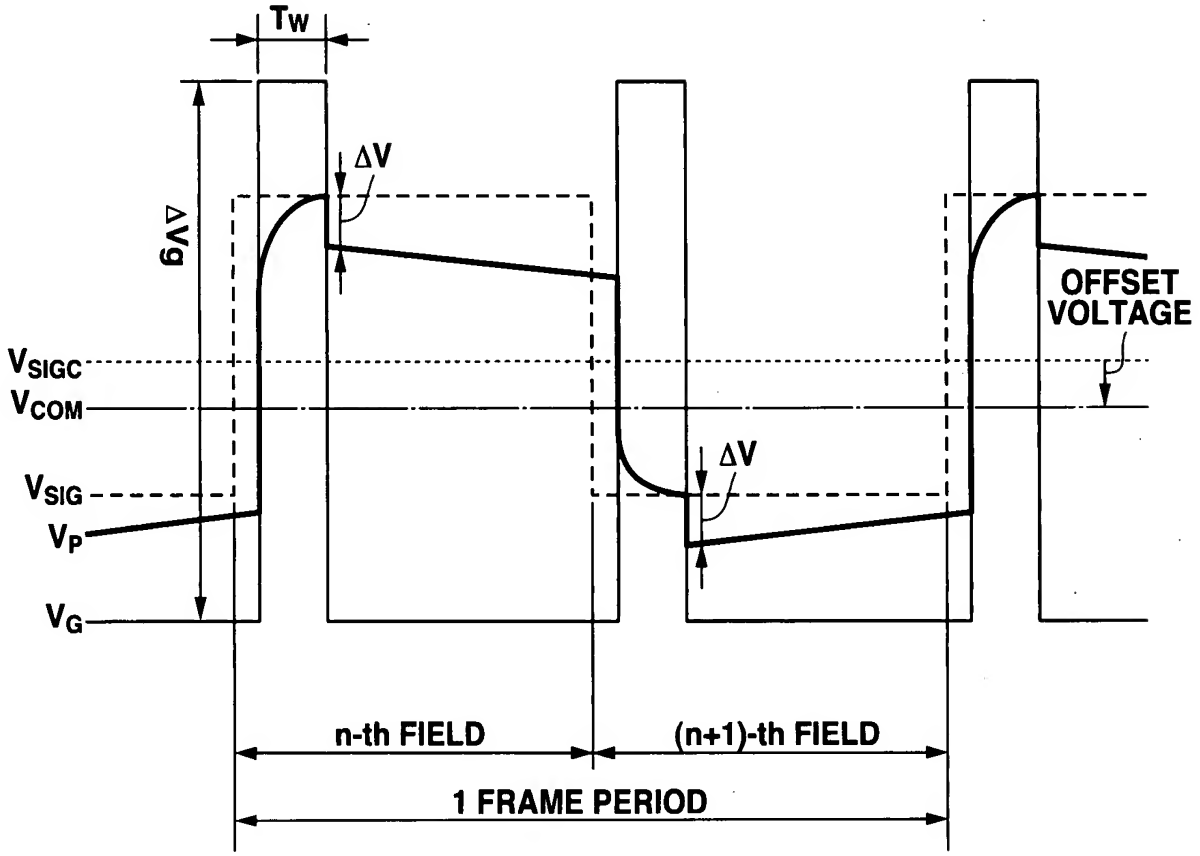


FIG.9
PRIOR ART

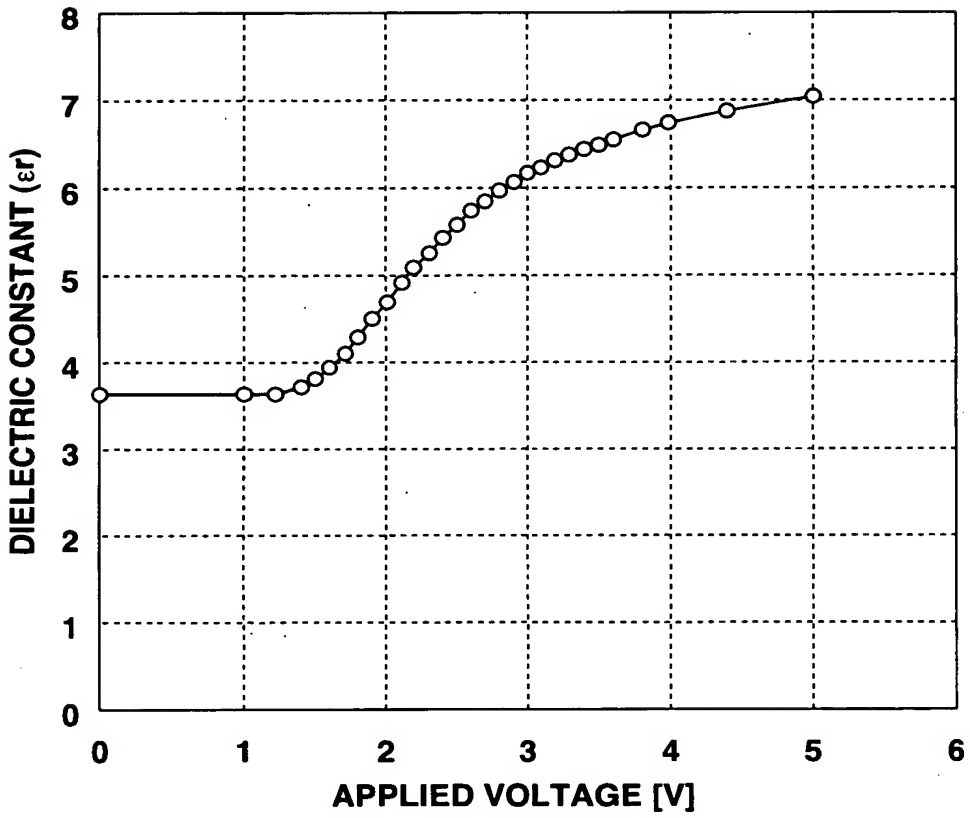


FIG.10
PRIOR ART